

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47117	murata.in. or higashi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 10:39
L2	44976	(diffusing or diffusion) and (particles or beads) and resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 10:46
L3	115	1 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 10:40
L4	17781	(diffusing or diffusion) and (two with (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 10:47
L5	156	(diffusing or diffusion) and ((bowl or bowl-shaped) with (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 10:48

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	437	(particles or beads) and 359/599	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:04
L2	45	(two adj6 (particles or beads)) and 359/599	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:47
L3	6	("20030117707"   "20050030444"   "20050207016"   "5963284"   "6259561"   "6343865").PN. OR ("7190525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:53
L4	10	("5909314"   "5995288"   "5998013"   "6064524"   "6074741"   "6164785"   "6217176"   "6268961"   "6347871"   "6660389").PN. OR ("6852376").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:57
L5	7	("5847795"   "5995288"   "6111699"   "6233095").PN. OR ("6347871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:58
L6	19	("5919555"   "5995288"   "6008940"   "6060183"   "6074741").PN. OR ("6217176").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:59
L7	4	("5909314"   "5919555"   "6111699"   "6217176").PN. OR ("6871994").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:00
L8	10	("20020150722"   "5387463"   "5568290"   "5583679"   "6111699"   "6164785"   "6217176"   "6343865"   "6483561"   "6504589").PN. OR ("6710923").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:01
L9	7	("5770306"   "6008940"   "6074741"   "6217176"   "6376060").PN. OR ("6572961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:02
L10	1913	(spherical near7 (particles or beads)) and ((bowl or bowl-shaped or cup or cup-shaped or ellip\$) near5 (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:06

## EAST Search History

L11	1417	(spherical near7 (particles or beads)) same ((bowl or bowl-shaped or cup or cup-shaped or ellip\$) near5 (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:38
L12	245	11 and (diffusion or diffusing or diffuser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:07
L13	7	("5900309").URPN.	USPAT	OR	ON	2007/04/18 12:12
L14	121	(spherical near7 (particles or beads)) same ((bowl or bowl-shaped or cup or cup-shaped) near5 (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:41
L15	8	("5559202"   "5626959"   "5753742"   "5872198"   "6030739"   "6040380"   "6046791"   "6228935").PN. OR ("6794448").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:22
L16	8	("4743507"   "4839395"   "4973632").PN. OR ("5559202").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:23
L17	45	(diffuser or diffusion or diffusive or diffusing) same ((bowl or bowl-shaped or cup or cup-shaped) near5 (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:42
L18	121	(spherical near7 (particles or beads)) same ((bowl or bowl-shaped or cup or cup-shaped) near5 (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:42
L19	121	(spherical near7 (particles or beads)) and ((bowl or bowl-shaped or cup or cup-shaped) near5 (particles or beads)) and (two near8 (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:41

## EAST Search History

L20	5	17 and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:42
L21	5	17 and 19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:42
L22	1	((spherical near7 (particles or beads)) and ((bowl or bowl-shaped or cup or cup-shaped) near5 (particles or beads)) and (diffuser or diffusion or diffusive or diffusing)).clm.	US-PGPUB	OR	ON	2007/04/18 12:43
L23	3	((((bowl or bowl-shaped or cup or cup-shaped) near5 (particles or beads)) and (diffuser or diffusion or diffusive or diffusing)).clm.	US-PGPUB	OR	ON	2007/04/18 12:44
L24	4	((((bowl or bowl-shaped or cup or cup-shaped) with spheric\$) and (diffuser or diffusion or diffusive or diffusing)).clm.	US-PGPUB	OR	ON	2007/04/18 12:48
L25	308	((bowl or bowl-shaped or cup or cup-shaped) with spheric\$) and (diffuser or diffusion or diffusive or diffusing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:46
L26	118	(two adj6 (particles or beads)) and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:47
L27	361	(two adj6 (particles or beads)) and "349"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:47

## EAST Search History

L28	3952	(two adj6 (particles or beads)) and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:48
L29	857	(two adj6 (particles or beads)) and "359"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:48
L30	5118	26 or 27 or 28 or 29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:48
L31	5	((bowl or bowl-shaped or cup or cup-shaped) same (diffuser or diffusion or diffusive or diffusing)) and 30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:49
L32	340	(bowl or bowl-shaped or cup or cup-shaped) and 30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:50
L33	75	((bowl or bowl-shaped or cup or cup-shaped) with (particles or beads)) and 30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:50

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	108265	(particles or beads) with (spherical or bow or bowl or bowl-shaped or convex\$ or concave of flake or ellip\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:08
L2	12501	(particles or beads) and ((bow or bowl or bowl-shaped or convex\$ or concave) with (flake or ellip\$ or flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:09
L3	1710	(particles or beads) and ((bow or bowl or bowl-shaped) with (flake or ellip\$ or flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:09
L4	42	((diffusion or diffusing or diffuser) with (particles or beads)) and ((bow or bowl or bowl-shaped) with (ellip\$ or flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:13
L5	91	"428"/\$.ccls. and (particles or beads) and ((bow or bowl or bowl-shaped) with (ellip\$ or flat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:14

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	60	(ellip\$ with (bowl or bowl-shaped)) and (diffuser or diffusor or diffusi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:38
L2	0	((ellip\$ with (bowl or bowl-shaped)) same (particles or beads)) and (diffuser or diffusor or diffusi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:40
L3	25	((ellip\$ with (bowl or bowl-shaped)) same (particles or beads))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:38
L4	11	((ellip\$ or rod or column\$) with (bowl or bowl-shaped)) same (particles or beads)) and (diffuser or diffusor or diffusi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:43
L5	4366	((bowl or bowl-shaped or curved or concave or convex) same (particles or beads)) and (diffuser or diffusor or diffusi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:45
L6	962	((bowl or bowl-shaped or curved or concave or convex) near6 (particles or beads)) and (diffuser or diffusor or diffusi\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:50
L7	12	6 and "362"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:48

## EAST Search History

L8	63	6 and "349"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:51
L9	25	6 and "362"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:51
L10	97	6 and "359"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:55
L11	109	6 and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 15:55